



Career Field Information

Category:

Maintenance

Unit:

102d Fighter Wing

AFSC:

2A7X3

Job Title:

Aircraft Structural Maintenance Specialist

Equivalent Civilian Career:

Sheetmetal Worker

Job Description / Background:

Assembles structural parts and components to meet requirements for preserving structural integrity and low observable qualities. Assesses damage to aircraft structural components and low observable coatings. Advises on structural and low observable repair, modification, and corrosion protection treatment with respect to original strength, weight, and contour to maintain structural and low observable integrity. Ensures aircraft component balance is maintained. Assembles repairs using special fasteners and adhesives. Checks repairs for serviceability according to specifications and technical publications. Manufactures jigs, fixtures, forms, and molds.

Paints aircraft, missiles, and support equipment (SE). Identifies, removes, and treats corrosion using mechanical and chemical procedures. Applies corrosion protective and low observable coatings. Applies aircraft paint schemes and markings.

Technical Training and School Information

School Length:

70 days

School Location:

Pensacola FL

Job Qualifications / Prerequisites

For entry into this specialty, completion of high school with courses in mathematics, algebra, chemistry, physics, mechanical drawing, and metal working is desirable.